

This listing of claims will replace all prior versions, and listings, of claims in the application:

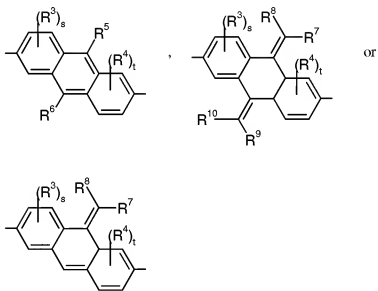
**Listing of Claims:**

1. (Cancelled)
2. (Currently Amended) A compound comprising identical or different groups of formula II



wherein

G is, in case of multiple occurrence independently of one another,



$R^3$  to  $R^6$  are, independently of each other, F, Cl, Br, I, CN,  $NO_2$ , NCS,  $SF_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $CH_2$  groups are optionally replaced, in each case independently from one

another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp, ~~and if alkoxy, then ethoxy, propoxy, butoxy, pentoxy, hexoxy, heptoxy, octoxy, nonoxy, decoxy, undecoxy, dodecoxy, tridecoxy or tetradecoxy;~~

R<sup>7</sup> to R<sup>10</sup> are, independently of each other, F, Cl, Br, I, NO<sub>2</sub>, NCS, SF<sub>3</sub> or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,

R<sup>0</sup> and R<sup>00</sup> are independently of each other H or alkyl with 1 to 12 C-atoms,

P is a polymerizable or reactive group,

Sp is a spacer group or a single bond,

s and t are independently of each other 0, 1, 2 or 3,

g is, in case of multiple occurrence independently of one another, 1, 2 or 3,

A is, in case of multiple occurrence independently of one another, -CX<sup>1</sup>=CX<sup>2</sup>-, -C≡C-, or furane-2,5-diyl, thiophene-2,5-diyl, thienothiophene-2,5-diyl, dithienothiophene-2,6-diyl, pyrrol-2,5-diyl, 1,4-phenylene, azulene-2,6-diyl, pyridine-2,5-diyl, pyrimidine-2,5-diyl, naphthalene-2,6-diyl, 1,2,3,4-tetrahydro-naphthalene-2,6-diyl, indane-2,5-diyl, 1,4-cyclohexylene, in which 1,4-cyclohexylene one or two non-adjacent CH<sub>2</sub> groups are optionally replaced by O and/or S, oxazole, thiazole, thiadiazole, imidazole, pyrazine, phenanthrene, or alkyl fluorene, which an aromatic or alicyclic ring or a group comprising two or more fused aromatic or alicyclic rings, wherein these rings

optionally contain one or more hetero atoms selected from the group consisting of N, O and S, and are optionally mono- or polysubstituted by R<sup>3</sup>,

X<sup>1</sup> and X<sup>2</sup> are independently of each other H, F, Cl or CN,

Y<sup>1</sup> and Y<sup>2</sup> are independently of each other H, F, Cl or CN,

a is, in case of multiple occurrence independently of one another, 0 or 1, and

z is an integer of 2 to 5000,

wherein the groups [(G)<sub>g</sub>-(A)<sub>a</sub>] can be identical or different, and

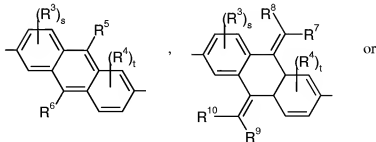
wherein in at least one recurring unit [(G)<sub>g</sub>-(A)<sub>a</sub>] g = a = 1.

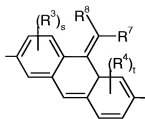
3. (Currently Amended) A compound of formula II A



wherein

G is, in case of multiple occurrence independently of one another,





$R^3$  to  $R^4$  are, independently of each other, F, Cl, Br, I, CN,  $\text{NO}_2$ , NCS,  $\text{SF}_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $\text{CH}_2$  groups are optionally replaced, in each case independently from one another, by  $-\text{O}-$ ,  $-\text{S}-$ ,  $-\text{NH}-$ ,  $-\text{NR}^0$ ,  $-\text{SiR}^0\text{R}^{00}$ ,  $-\text{CO}-$ ,  $-\text{COO}-$ ,  $-\text{OCO}-$ ,  $-\text{OCO-O}-$ ,  $-\text{S-CO}-$ ,  $-\text{CO-S}-$ ,  $-\text{CY}^1=\text{CY}^2$  or  $-\text{C}\equiv\text{C}-$  in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,

$R^5$  to  $R^6$  are, independently of each other, F, I,  $\text{NO}_2$ , NCS,  $\text{SF}_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $\text{CH}_2$  groups are optionally replaced, in each case independently from one another, by  $-\text{O}-$ ,  $-\text{S}-$ ,  $-\text{NH}-$ ,  $-\text{NR}^0$ ,  $-\text{SiR}^0\text{R}^{00}$ ,  $-\text{CO}-$ ,  $-\text{COO}-$ ,  $-\text{OCO}-$ ,  $-\text{OCO-O}-$ ,  $-\text{S-CO}-$ ,  $-\text{CO-S}-$ ,  $-\text{CY}^1=\text{CY}^2$  or  $-\text{C}\equiv\text{C}-$  in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,

$R^7$  to  $R^{10}$  are, independently of each other, F, Cl, Br, I,  $\text{NO}_2$ , NCS,  $\text{SF}_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $\text{CH}_2$  groups are optionally replaced, in each case independently from one another, by  $-\text{O}-$ ,  $-\text{S}-$ ,  $-\text{NH}-$ ,  $-\text{NR}^0$ ,  $-\text{SiR}^0\text{R}^{00}$ ,  $-\text{CO}-$ ,  $-\text{COO}-$ ,  $-\text{OCO}-$ ,  $-\text{OCO-O}-$ ,  $-\text{S-CO}-$ ,  $-\text{CO-S}-$ ,  $-\text{CY}^1=\text{CY}^2$  or  $-\text{C}\equiv\text{C}-$  in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,

$R^0$  and  $R^{00}$  are independently of each other H or alkyl with 1 to 12 C-atoms,

- P is a polymerizable or reactive group,
- Sp is a spacer group or a single bond,
- s and t are independently of each other 0, 1, 2 or 3,
- g is, in case of multiple occurrence independently of one another, 1, 2 or 3,
- A is, in case of multiple occurrence independently of one another,  $-CX^1=CX^2-$ ,  $-C\equiv C-$ , or furane-2,5-diyl, thiophene-2,5-diyl, thienothiophene-2,5-diyl, dithienothiophene-2,6-diyl, pyrrol-2,5-diyl, 1,4-phenylene, azulene-2,6-diyl, pyridine-2,5-diyl, pyrimidine-2,5-diyl, naphthalene-2,6-diyl, 1,2,3,4-tetrahydro-naphthalene-2,6-diyl, indane-2,5-diyl, 1,4-cyclohexylene, in which 1,4-cyclohexylene one or two non-adjacent  $CH_2$  groups are optionally replaced by O and/or S, oxazole, thiazole, thiadiazole, imidazole, pyrazine, phenanthrene, or alkyl fluorene, which an aromatic or alicyclic ring or a group comprising two or more fused aromatic or alicyclic rings, wherein these rings optionally contain one or more hetero atoms selected from the group consisting of N, O and S, and are optionally mono- or polysubstituted by  $R^3$ ,
- $X^1$  and  $X^2$  are independently of each other H, F, Cl or CN,
- $Y^1$  and  $Y^2$  are independently of each other H, F, Cl or CN,
- a is, in case of multiple occurrence independently of one another, 0 or 1,
- z is an integer  $\geq 1$ ,
- $R^1$  and  $R^2$  are, independently of each other, F, Br, I, CN,  $NO_2$ , NCS,  $SF_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or polysubstituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $CH_2$  groups are optionally replaced, in each case independently from one another, by  $-O-$ ,  $-S-$ ,  $-NH-$ ,  $-NR^0$ ,  $-SiR^0R^{00}$ ,  $-CO-$ ,  $-COO-$ ,  $-OCO-$ ,  $-OCO-O-$ ,  $-S-CO-$ ,  $-$

CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, P-Sp, B(OR<sup>xn</sup>)(OR<sup>xn</sup>), SnR<sup>x</sup>R<sup>xx</sup>R<sup>xxx</sup> or SiR<sup>x</sup>R<sup>xx</sup>R<sup>xxx</sup>,

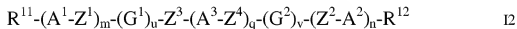
R<sup>x</sup>, R<sup>xx</sup> and

R<sup>xxx</sup> are, independently of each other, H, aryl or alkyl with 1 to 12 C-atoms, and

R<sup>xn</sup> and R<sup>xn</sup> are, independently of each other, H or alkyl with 1 to 12 C-atoms, or OR<sup>xn</sup> and OR<sup>xn</sup> together with the boron atom form a cyclic group having 2 to 10 C atoms,

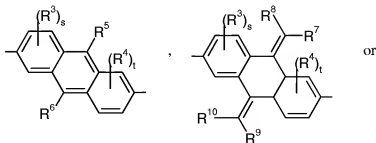
wherein in at least one recurring unit [(G)<sub>g</sub>-(A)<sub>a</sub>] g = a = 1.

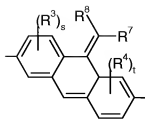
4. (Currently Amended) A compound of formula I2



wherein

G<sup>1</sup> and G<sup>2</sup> are, independently of each other and in case of multiple occurrence of either G<sup>1</sup> and/or G<sup>2</sup> each of such G<sup>1</sup> and G<sup>2</sup> independently of one another,





$R^3$  to  $R^4$  and

$R^{10}$

are, independently of each other, F, Cl, Br, I, CN,  $\text{NO}_2$ , NCS,  $\text{SF}_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $\text{CH}_2$  groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-,  $-\text{NR}^0$ -,  $-\text{SiR}^0\text{R}^{00}$ -, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-,  $-\text{CY}^1=\text{CY}^2$ - or  $-\text{C}\equiv\text{C}-$  in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,

$R^{11}$  and  $R^{12}$

are, independently of each other, F, Br, I, CN,  $\text{NO}_2$ , NCS,  $\text{SF}_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $\text{CH}_2$  groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-,  $-\text{NR}^0$ -,  $-\text{SiR}^0\text{R}^{00}$ -, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-,  $-\text{CY}^1=\text{CY}^2$ - or  $-\text{C}\equiv\text{C}-$  in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp, and if alkoxy, then ethoxy, propoxy, butoxy, pentoxy, hexoxy, heptoxy, octoxy, nonoxy, decoxy, undecoxy, dodecoxy, tridecoxy or tetradecoxy;

$R^5$  to  $R^6$

are, independently of each other, F, I,  $\text{NO}_2$ , NCS,  $\text{SF}_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $\text{CH}_2$  groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-,  $-\text{NR}^0$ -,  $-\text{SiR}^0\text{R}^{00}$ -, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-,  $-\text{CY}^1=\text{CY}^2$ - or  $-\text{C}\equiv\text{C}-$  in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,

- $R^7$  to  $R^{10}$  are, independently of each other, F, Cl, Br, I,  $NO_2$ , NCS,  $SF_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $CH_2$  groups are optionally replaced, in each case independently from one another, by  $-O-$ ,  $-S-$ ,  $-NH-$ ,  $-NR^0$ ,  $-SiR^0R^{00}$ ,  $-CO-$ ,  $-COO-$ ,  $-OCO-$ ,  $-OCO-O-$ ,  $-S-CO-$ ,  $-CO-S-$ ,  $-CY^1=CY^2-$  or  $-C\equiv C-$  in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,
- $R^0$  and  $R^{00}$  are independently of each other H or alkyl with 1 to 12 C-atoms,
- P is a polymerizable or reactive group,
- Sp is a spacer group or a single bond,
- s and t are independently of each other 0, 1, 2 or 3,
- $A^1$  to  $A^3$  are, independently of each other and in case of multiple occurrence of any of  $A^1$  to  $A^3$  each of such  $A^1$  to  $A^3$  independently of one another,  $-CX^1=CX^2-$ ,  $-C\equiv C-$ , or furane-2,5-diyl, thiophene-2,5-diyl, thienothiophene-2,5-diyl, dithienothiophene-2,6-diyl, pyrrol-2,5-diyl, 1,4-phenylene, azulene-2,6-diyl, pyridine-2,5-diyl, pyrimidine-2,5-diyl, naphthalene-2,6-diyl, 1,2,3,4-tetrahydro-naphthalene-2,6-diyl, indane-2,5-diyl, 1,4-cyclohexylene, in which 1,4-cyclohexylene one or two non-adjacent  $CH_2$  groups are optionally replaced by O and/or S, oxazole, thiazole, thiadiazole, imidazole, pyrazine, phenanthrene, or alkyl fluorene, which an aromatic or alicyclic ring or a group comprising two or more fused aromatic or alicyclic rings, wherein these rings optionally contain one or more hetero atoms selected from the group consisting of N, O and S, and are optionally mono- or polysubstituted by  $R^3$ ,
- $X^1$  and  $X^2$  are independently of each other H, F, Cl or CN,
- $Z^1$  to  $Z^4$  are, independently of each other,  $-O-$ ,  $-S-$ ,  $-CO-$ ,  $-COO-$ ,  $-OCO-$ ,  $-S-CO-$ ,  $-CO-$



S-, -O-COO-, -CO-NR<sup>0</sup>-, -NR<sup>0</sup>-CO-, -OCH<sub>2</sub>-, -CH<sub>2</sub>O-, -SCH<sub>2</sub>-, -CH<sub>2</sub>S-, -CF<sub>2</sub>O-,  
 -OCF<sub>2</sub>-, -CF<sub>2</sub>S-, -SCF<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -CF<sub>2</sub>CH<sub>2</sub>-, -CH<sub>2</sub>CF<sub>2</sub>-, -CF<sub>2</sub>CF<sub>2</sub>-, -CH=N-, -  
 N=CH-, -N=N-, -CH=CR<sup>0</sup>-, -CY<sup>1</sup>=CY<sup>2</sup>-, -C≡C-, -CH=CH-COO-, -OCO-  
 CH=CH- or a single bond,

Y<sup>1</sup> and Y<sup>2</sup> are independently of each other H, F, Cl or CN,

m, n and q are independently of each other 0, 1, 2 or 3, wherein at least one of m, n and q is 1, 2 or 3, and

u and v are independently of each other 0, 1 or 2, with u+v > 0.

5. (Previously Presented) A compound according to claim 3, wherein z is an integer of 2 to 5000.

6. (Previously Presented) A compound according to claim 3, wherein z is an integer of 1 to 15.

7. (Previously Presented) A compound according to claim 3, wherein one or both of R<sup>1</sup> and R<sup>2</sup> denote P-Sp-.

8. (Currently Amended) A compound according to claim 2, wherein R<sup>3</sup> and R<sup>4</sup> are, each independently, F, Cl, CN, alkyl, oxaalkyl, alkoxy, alkylcarbonyl or alkoxycarbonyl with 1 to 15 C-atoms or alkenyl, alkenyloxy or alkynyl with 2 to 15 C-atoms; and if alkoxy, then ethoxy, propoxy, butoxy, pentoxy, hexoxy, heptoxy, octoxy, nonoxy, deoxy, undecy, dodecy, tridecy or tetradecy.

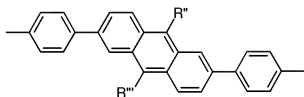
9. (Currently Amended) A compound according to claim 2, wherein R<sup>5-6</sup> are, each independently, F, Cl, CN, C<sub>1</sub>-C<sub>20</sub>-alkyl that is optionally substituted with one or more fluorine atoms, C<sub>2</sub>-C<sub>20</sub>-alkenyl, C<sub>2</sub>-C<sub>20</sub>-alkynyl, alkoxy, C<sub>1</sub>-C<sub>20</sub>-thioalkyl, C<sub>1</sub>-C<sub>20</sub>-silyl, C<sub>1</sub>-C<sub>20</sub>-ester, C<sub>1</sub>-C<sub>20</sub>-amino, C<sub>1</sub>-C<sub>20</sub>-fluoroalkyl, or (CH<sub>2</sub>CH<sub>2</sub>O)<sub>m</sub> with m being an integer of 1 to 6; and if alkoxy, then ethoxy, propoxy, butoxy, pentoxy, hexoxy, heptoxy, octoxy, nonoxy, deoxy, undecy, dodecy, tridecy or tetradecy, and

$R^{7-10}$  are, each independently, F, Cl,  $C_1$ - $C_{20}$ -alkyl that is optionally substituted with one or more fluorine atoms,  $C_2$ - $C_{20}$ -alkenyl,  $C_2$ - $C_{20}$ -alkynyl,  $C_1$ - $C_{20}$ -alkoxy,  $C_1$ - $C_{20}$ -thioalkyl,  $C_1$ - $C_{20}$ -silyl,  $C_1$ - $C_{20}$ -ester,  $C_1$ - $C_{20}$ -amino,  $C_1$ - $C_{20}$ -fluoroalkyl, or  $(CH_2CH_2O)_m$  with m being an integer of 1 to 6.

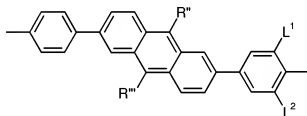
10. (Cancelled)

11. (Previously Presented) A compound according to claim 2, wherein P is a vinyl ether, propenyl ether or oxetane group.

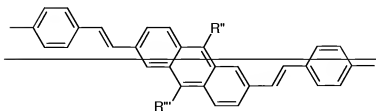
12. (Currently Amended) A compound, which includes a group of formula Ia, Ib, ~~Ic~~, Id, Ih, Ii, Im, In or Io



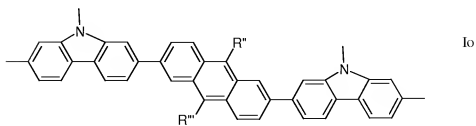
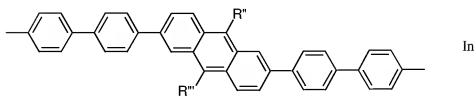
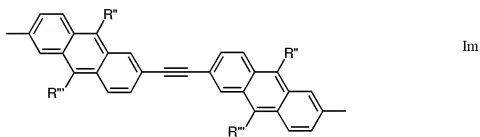
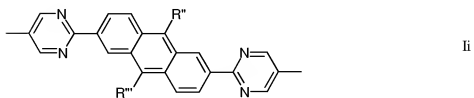
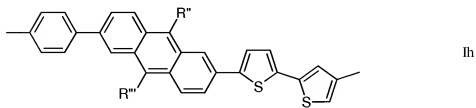
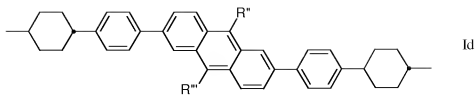
Ia



Ib



~~Ic~~



wherein

R" and R''' are, independently of each other, F, Cl, Br, I, CN, NO<sub>2</sub>, NCS, SF<sub>5</sub> or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,

R<sup>0</sup> and R<sup>00</sup> are independently of each other H or alkyl with 1 to 12 C-atoms, and

Y<sup>1</sup> and Y<sup>2</sup> are independently of each other H, F, Cl or CN,

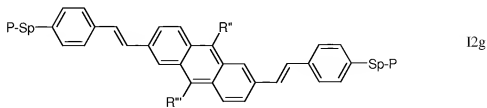
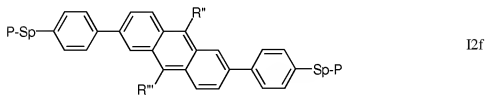
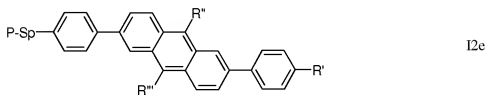
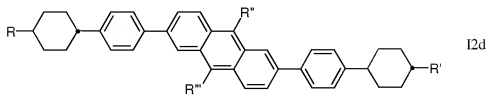
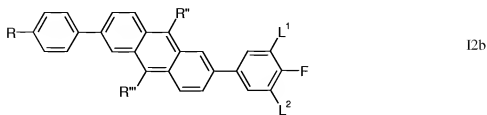
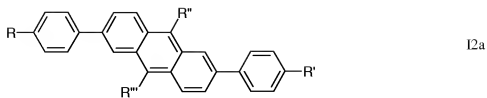
L<sup>1</sup> and L<sup>2</sup> are independently of each other H or F,

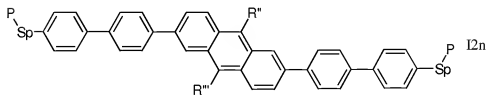
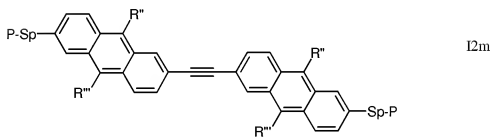
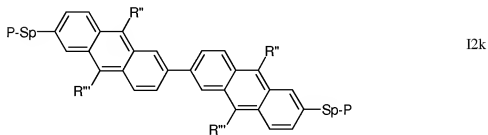
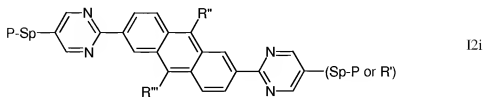
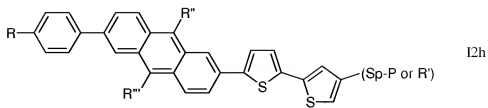
P is a polymerizable or reactive group, and

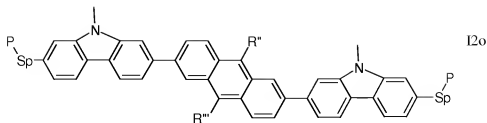
Sp is a spacer group or a single bond,

and the aromatic rings are optionally substituted with 1, 2 or 3 F, Cl, Br, I, CN, NO<sub>2</sub>, NCS, SF<sub>5</sub> or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or with P-Sp.

13. (Previously Presented) A compound, which is of one of the following formulae







wherein

P is a polymerizable or reactive group,

Sp is a spacer group or a single bond,

R and R' are, independently of each other, F, Cl, Br, I, CN, NO<sub>2</sub>, NCS, SF<sub>5</sub> or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp, B(OR<sup>x</sup>)(OR<sup>xm</sup>), SnR<sup>x</sup>R<sup>xx</sup>R<sup>xxx</sup> or SiR<sup>x</sup>R<sup>xx</sup>R<sup>xxx</sup>,

R<sup>x</sup>, R<sup>xx</sup> and

R<sup>xxx</sup> are, independently of each other, H, aryl or alkyl with 1 to 12 C-atoms,

R<sup>x</sup> and R<sup>xm</sup> are, independently of each other, H or alkyl with 1 to 12 C-atoms, or OR<sup>x</sup> and OR<sup>xm</sup> together with the boron atom form a cyclic group having 2 to 10 C atoms

R'' and R''' are, independently of each other, F, Cl, Br, I, CN, NO<sub>2</sub>, NCS, SF<sub>5</sub> or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-,

-S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,

L<sup>1</sup> and L<sup>2</sup> are independently of each other H or F,

R<sup>0</sup> and R<sup>00</sup> are independently of each other H or alkyl with 1 to 12 C-atoms, and

Y<sup>1</sup> and Y<sup>2</sup> are independently of each other H, F, Cl or CN,

and the aromatic rings are optionally substituted with 1, 2 or 3 F, Cl, Br, I, CN, NO<sub>2</sub>, NCS, SF<sub>3</sub> or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or with P-Sp.

14-15. (Cancelled)

16. (Previously Presented) A polymer which has been obtained by polymerizing a compound of formula II according to Claim 2 or a polymerizable LC material comprising at least one compound of formula II and optionally at least one further compound, wherein at least one of said compounds is polymerizable.

17. (Previously Presented) An anisotropic polymer which has been obtained by polymerizing a compound of formula II according to Claim 2 or a polymerizable LC material comprising a compound of formula II in its oriented state in form of a film.

18. (Previously Presented) A semiconductor or charge transport material comprising at least one compound of formula II according to Claim 2, polymerizable LC material comprising at least one compound of formula II and optionally at least one further compound, wherein at least one of said compounds is polymerizable, or



polymer which has been obtained by polymerizing a compound of formula II or a polymerizable LC material comprising at least one compound of formula II and optionally at least one further compound, wherein at least one of said compounds is polymerizable.

19. (Previously Presented) A light-emissive material comprising at least one compound of formula II according to Claim 2,

polymerizable LC material comprising at least one compound of formula II and optionally at least one further compound, wherein at least one of said compounds is polymerizable, or

polymer which has been obtained by polymerizing a compound of formula II or a polymerizable LC material comprising at least one compound of formula II and optionally at least one further compound, wherein at least one of said compounds is polymerizable.

20. (Previously Presented) An electrooptical display, LCD, eLCD, optical film, polarizer, compensator, beam splitter, reflective film, alignment layer, color filter, holographic element, hot stamping foil, colored image, decorative or security marking, consumer object, document of value, LC pigment, adhesive, synthetic resin with anisotropic mechanical properties, cosmetic product, pharmaceutical product, diagnostic product, nonlinear optical element, optical information storage device, a chiral dopant, an electronic device, OFET, a component of an integrated circuit (IC), thin film transistor (TFT) in a flat panel display, Radio Frequency Identification (RFID) tag, a semiconducting or light-emitting component of organic light emitting diode (OLED), electroluminescent display or backlight of an LCD, photovoltaic or sensor device, an electrode material in a battery, a photoconductor, or electrophotographic recording or alignment layer in an LCD or OLED device, comprising at least one

compound of formula II according to Claim 2,

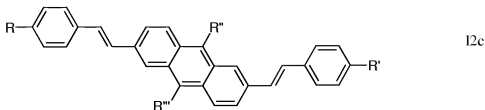
polymerizable LC material comprising at least one compound of formula II and optionally at least one further compound, wherein at least one of said compounds is polymerizable, or

polymer which has been obtained by polymerizing a compound of formula II or a polymerizable LC material comprising at least one compound of formula II and optionally at least one further compound, wherein at least one of said compounds is polymerizable, or a semiconductor or light-emitting material comprising at least one of said

compound, polymerizable LC material or polymer.

21-24. (Cancelled)

25. (Previously Presented) A compound, which is of formulae I2c



wherein

R and R' are, independently of each other, F, Cl, Br, I, CN, NO<sub>2</sub>, NCS, SF<sub>3</sub> or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp, B(OR<sup>x</sup>)(OR<sup>xm</sup>), SnR<sup>x</sup>R<sup>xs</sup>R<sup>xxx</sup> or SiR<sup>x</sup>R<sup>xs</sup>R<sup>xxx</sup>,

R<sup>x</sup>, R<sup>xs</sup> and

R<sup>xxx</sup> are, independently of each other, H, aryl or alkyl with 1 to 12 C-atoms,

R<sup>x</sup> and R<sup>xm</sup> are, independently of each other, H or alkyl with 1 to 12 C-atoms, or OR<sup>x</sup> and OR<sup>xm</sup> together with the boron atom form a cyclic group having 2 to 10 C atoms

R'' and R''' are, independently of each other, F, Cl, Br, I, NO<sub>2</sub>, NCS, SF<sub>3</sub> or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-,

-CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,

R<sup>0</sup> and R<sup>00</sup> are independently of each other H or alkyl with 1 to 12 C-atoms, and

Y<sup>1</sup> and Y<sup>2</sup> are independently of each other H, F, Cl or CN,

and the aromatic rings are optionally substituted with 1, 2 or 3 F, Cl, Br, I, CN, NO<sub>2</sub>, NCS, SF<sub>5</sub> or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or with P-Sp.

26-32. (Cancelled)

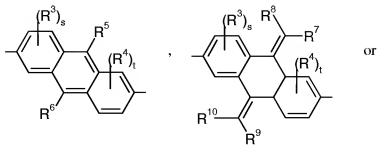
33. (Currently Amended) An LC medium or a polymerizable LC material comprising at least one compound comprising identical or different groups of formula II

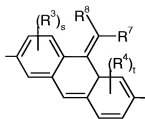


II

wherein

G is, in case of multiple occurrence independently of one another,





$R^3$  to  $R^6$  are, independently of each other, F, Cl, Br, I, CN,  $NO_2$ , NCS,  $SF_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $CH_2$  groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, - $NR^0$ -, - $SiR^0R^{00}$ -, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, - $CY^1=CY^2$ - or - $C\equiv C$ - in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp, ~~and if alkoxy, then ethoxy, propoxy, butoxy, pentoxy, hexoxy, heptoxy, octoxy, nonoxy, decoxy, undecoxy, dodecoxy, tridecoxy or tetradecoxy,~~

$R^7$  to  $R^{10}$  are, independently of each other, F, Cl, Br, I,  $NO_2$ , NCS,  $SF_5$  or a straight chain or branched alkyl having 1 to 30 C-atoms that is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $CH_2$  groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, - $NR^0$ -, - $SiR^0R^{00}$ -, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, - $CY^1=CY^2$ - or - $C\equiv C$ - in such a manner that O and/or S atoms are not linked directly to one another, or are P-Sp,

$R^0$  and  $R^{00}$  are independently of each other H or alkyl with 1 to 12 C-atoms,

P is a polymerizable or reactive group,

Sp is a spacer group or a single bond,

s and t are independently of each other 0, 1, 2 or 3,

- g is, in case of multiple occurrence independently of one another, 1, 2 or 3,
- A is, in case of multiple occurrence independently of one another,  $-CX^1=CX^2-$ ,  $-C\equiv C-$ , an aromatic or alicyclic ring or a group comprising two or more fused aromatic or alicyclic rings, wherein these rings optionally contain one or more hetero atoms selected from the group consisting of N, O and S, and are optionally mono- or polysubstituted by  $R^3$ ,
- $X^1$  and  $X^2$  are independently of each other H, F, Cl or CN,
- $Y^1$  and  $Y^2$  are independently of each other H, F, Cl or CN,
- a is, in case of multiple occurrence independently of one another, 0 or 1, and
- z is  $\geq 1$ , ~~is an integer of 2 to 5000,~~

wherein the groups  $[(G)_g-(A)_a]$  can be identical or different,

and wherein the polymerizable LC material optionally comprises at least one further compound, wherein at least one of said compounds is polymerizable.

34. (New) A polymer which has been obtained from a polymerizable LC material according to claim 33.

35. (New) An anisotropic polymer which has been obtained from a polymerizable LC material according to claim 33 in its oriented state in form of a film.

36. (New) A semiconductor or charge transport material, light-emissive material, electrooptical display, LCD, eLCD, optical film, polarizer, compensator, beam splitter, reflective film, alignment layer, color filter, holographic element, hot stamping foil, coloured image, decorative or security marking, consumer object, document of value, LC pigment, adhesive, synthetic resin with anisotropic mechanical properties, cosmetic product,

pharmaceutical product, diagnostic product, nonlinear optical element, optical information storage device, electronic device, OFET, a component of integrated circuit (IC), thin film transistor (TFT) in a flat panel display, Radio Frequency Identification (RFID) tag, a semiconducting or light-emitting component of organic light emitting diode (OLED), electroluminescent display, backlight of an LCD, photovoltaic or sensor device, an electrode material in a battery, a photoconductor, electrophotographic device, electrophotographic recording device, comprising

an LC medium or polymerizable material according to claim 33, or

a polymer which has been obtained from a polymerizable LC material according to claim 33, or

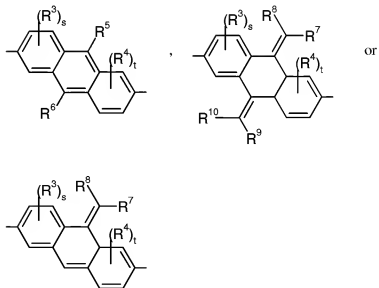
an anisotropic polymer which has been obtained from a polymerizable LC material according to claim 33 in its oriented state in form of a film.

37. (New) A compound comprising one or more identical or different groups of formula I



wherein

G is, in case of multiple occurrence independently of one another,



$R^1$  to  $R^{10}$  are independently of each other F, Cl, Br, I, CN,  $NO_2$ , NCS,  $SF_3$  or straight chain or branched alkyl having 1 to 30 C-atoms, which is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $CH_2$  groups are optionally replaced, in each case independently from one another, by  $-O-$ ,  $-S-$ ,  $-NH-$ ,  $-NR^0-$ ,  $-SiR^0R^{00}-$ ,  $-CO-$ ,  $-COO-$ ,  $-OCO-$ ,  $-OCO-O-$ ,  $-S-CO-$ ,  $-CO-S-$ ,  $-CY^1=CY^2-$  or  $-C\equiv C-$  in such a manner that O and/or S atoms are not linked directly to one another, or P-Sp,

$R^0$  and  $R^{00}$  are independently of each other H or alkyl with 1 to 12 C-atoms,

P is a polymerisable or reactive group,

Sp is a spacer group or a single bond,

s and t are independently of each other 0, 1, 2 or 3,

g is, in case of multiple occurrence independently of one another, 1, 2 or 3,

which contains at least one group P-Sp, and wherein P is  $CH_2=CW^1-COO-$ ,  $W^2HC \begin{array}{c} \diagup O \diagdown \end{array} CH-$ ,

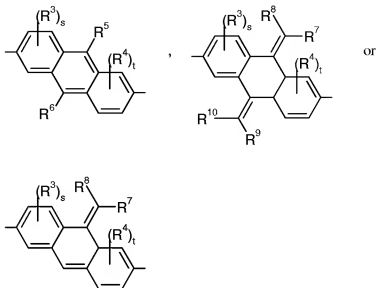
$W^2 \begin{array}{c} \diagup O \diagdown \end{array} (CH_2)_{k_1}-O-$ ,  $CH_2=CW^2-(O)_{k_1}-$ ,  $CH_3-CH=CH-O-$ ,  $(CH_2=CH)_2CH-OCO-$ ,  $(CH_2=CH-CH_2)_2CH-OCO-$ ,  $(CH_2=CH)_2CH-O-$ ,  $(CH_2=CH-CH_2)_2N-$ ,  $HS-CW^2W^3-$ ,  $CH_2=CW^1-CO-NH-$ ,  $CH_2=CH-(COO)_{k_1}-Phe-(O)_{k_2}-$ ,  $OCN-$ , or  $W^4W^5W^6Si-$ , with  $W^1$  being H, Cl, CN, phenyl or alkyl with 1 to 5 C-atoms,  $W^2$  and  $W^3$  being independently of each other H or alkyl with 1 to 5 C-atoms,  $W^4$ ,  $W^5$  and  $W^6$  being independently of each other Cl, oxalkyl or oxacarbonylalkyl with 1 to 5 C-atoms, Phe being 1,4-phenylene and  $k_1$  and  $k_2$  being independently of each other 0 or 1.

38. (New) A compound of claim 37, comprising one or more identical or different groups of formula II



wherein

G is, in case of multiple occurrence independently of one another,



$R^3$  to  $R^{10}$  are independently of each other F, Cl, Br, I, CN,  $\text{NO}_2$ , NCS,  $\text{SF}_3$  or straight chain or branched alkyl having 1 to 30 C-atoms, which is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent  $\text{CH}_2$  groups are optionally replaced, in each case independently from one another, by  $-\text{O}-$ ,  $-\text{S}-$ ,  $-\text{NH}-$ ,  $-\text{NR}^0$ ,  $-\text{SiR}^0\text{R}^{00}$ ,  $-\text{CO}-$ ,  $-\text{COO}-$ ,  $-\text{OCO}-$ ,  $-\text{OCO-O}-$ ,  $-\text{S-CO}-$ ,  $-\text{CO-S}-$ ,  $-\text{CY}^1=\text{CY}^2-$  or  $-\text{C}\equiv\text{C}-$  in such a manner that O and/or S atoms are not linked directly to one another, or P-Sp,

$R^0$  and  $R^{00}$  are independently of each other H or alkyl with 1 to 12 C-atoms,

P is a polymerisable or reactive group,

Sp is a spacer group or a single bond,

s and t are independently of each other 0, 1, 2 or 3,

g is, in case of multiple occurrence independently of one another, 1, 2 or 3,

A is, in case of multiple occurrence independently of one another,  $-\text{CX}^1=\text{CX}^2-$ ,  $-\text{C}\equiv\text{C}-$ , an aromatic or alicyclic ring or a group comprising two or more fused aromatic or alicyclic rings, wherein these rings optionally contain one or more



hetero atoms selected from N, O and S, and are optionally mono- or polysubstituted by  $R^3$ ,

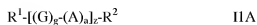
$X^1$  and  $X^2$  are independently of each other H, F, Cl or CN,

a is, in case of multiple occurrence independently of one another, 0 or 1,

z is an integer  $\geq 1$ ,

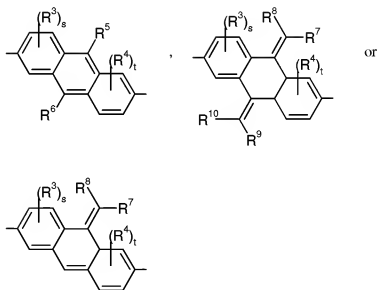
wherein in case of multiple occurrence the groups  $[(G)_g-(A)_a]$  can be identical or different.

39. (New) A compound of claim 37, which is of formula II A



wherein

G is, in case of multiple occurrence independently of one another,



$R^3$  to  $R^{10}$  are independently of each other F, Cl, Br, I, CN,  $\text{NO}_2$ , NCS,  $\text{SF}_5$  or straight chain or branched alkyl having 1 to 30 C-atoms, which is unsubstituted, mono- or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent

CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or P-Sp,

R<sup>0</sup> and R<sup>00</sup> are independently of each other H or alkyl with 1 to 12 C-atoms,

P is a polymerisable or reactive group,

Sp is a spacer group or a single bond,

s and t are independently of each other 0, 1, 2 or 3,

g is, in case of multiple occurrence independently of one another, 1, 2 or 3,

A is, in case of multiple occurrence independently of one another, -CX<sup>1</sup>=CX<sup>2</sup>-, -C≡C-, an aromatic or alicyclic ring or a group comprising two or more fused aromatic or alicyclic rings, wherein these rings optionally contain one or more hetero atoms selected from N, O and S, and are optionally mono- or polysubstituted by R<sup>3</sup>,

X<sup>1</sup> and X<sup>2</sup> are independently of each other H, F, Cl or CN,

a is, in case of multiple occurrence independently of one another, 0 or 1,

z is an integer ≥ 1,

wherein in case of multiple occurrence the groups [(G)<sub>g</sub>-(A)<sub>a</sub>] can be identical or different,

R<sup>1</sup> and R<sup>2</sup> have independently of each other one of the meanings of R<sup>3</sup>, or denote B(OR')(OR''), SnR<sup>0</sup>R<sup>00</sup>R<sup>000</sup> or SiR<sup>0</sup>R<sup>00</sup>R<sup>000</sup>,

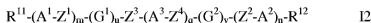
R<sup>0-000</sup> are independently of each other H, aryl or alkyl with 1 to 12 C-atoms,

R' and R'' are independently of each other H or alkyl with 1 to 12 C-atoms, or OR' and OR'' together with the boron atom may also form a cyclic group having 2 to 10 C atoms,

and wherein one or both of  $R^1$  and  $R^2$  denote P-Sp or denote  $B(OR^x)(OR^y)$ ,  $SnR^{000}R^{000}R^{000}$  or

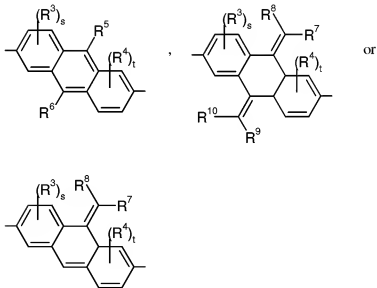
$SiR^{000}R^{000}R^{000}$ , wherein P is  $CH_2=CW^1-COO-$ ,  $W^2HC-\text{CH}-$ ,  $W^2-\text{CH}-$ ,  $CH_2=CW^2-(O)_{k1}-$ ,  $CH_3-CH=CH-O-$ ,  $(CH_2=CH)_2CH-OCO-$ ,  $(CH_2=CH-CH_2)_2CH-OCO-$ ,  $(CH_2=CH)_2CH-O-$ ,  $(CH_2=CH-CH_2)_2N-$ ,  $HS-CW^2W^3-$ ,  $CH_2=CW^1-CO-NH-$ ,  $CH_2=CH-(COO)_{k1}-Phe-(O)_{k2}-$ ,  $OCN-$ , or  $W^4W^5W^6Si-$ , with  $W^1$  being H, Cl, CN, phenyl or alkyl with 1 to 5 C-atoms,  $W^2$  and  $W^3$  being independently of each other H or alkyl with 1 to 5 C-atoms,  $W^4$ ,  $W^5$  and  $W^6$  being independently of each other Cl, oxaalkyl or oxacarbonylalkyl with 1 to 5 C-atoms, Phe being 1,4-phenylene and  $k_1$  and  $k_2$  being independently of each other 0 or 1.

40. (New) A compound of claim 37, which is of formula I2



wherein

$G^1$  and  $G^2$  have independently of each other and in case of multiple occurrence independently of one another,



$R^3$  to  $R^{10}$  are independently of each other F, Cl, Br, I, CN,  $NO_2$ , NCS,  $SF_5$  or straight chain or branched alkyl having 1 to 30 C-atoms, which is unsubstituted, mono-

or poly-substituted by F, Cl, Br, I or CN, and in which one or more non-adjacent CH<sub>2</sub> groups are optionally replaced, in each case independently from one another, by -O-, -S-, -NH-, -NR<sup>0</sup>-, -SiR<sup>0</sup>R<sup>00</sup>-, -CO-, -COO-, -OCO-, -OCO-O-, -S-CO-, -CO-S-, -CY<sup>1</sup>=CY<sup>2</sup>- or -C≡C- in such a manner that O and/or S atoms are not linked directly to one another, or P-Sp,

R<sup>0</sup> and R<sup>00</sup> are independently of each other H or alkyl with 1 to 12 C-atoms,

P is a polymerisable or reactive group,

Sp is a spacer group or a single bond,

s and t are independently of each other 0, 1, 2 or 3,

R<sup>11</sup> and R<sup>12</sup> have independently of each other one of the meanings of R<sup>3</sup>,

A<sup>1</sup> to A<sup>3</sup> are, independently of each other and in case of multiple occurrence of any of A<sup>1</sup> to A<sup>3</sup> each of such A<sup>1</sup> to A<sup>3</sup> independently of one another, -CX<sup>1</sup>=CX<sup>2</sup>-, -C≡C-, an aromatic or alicyclic ring or a group comprising two or more fused aromatic or alicyclic rings, wherein these rings optionally contain one or more hetero atoms selected from N, O and S, and are optionally mono- or polysubstituted by R<sup>3</sup>,

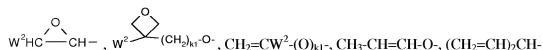
Z<sup>1</sup> to Z<sup>4</sup> are independently of each other -O-, -S-, -CO-, -COO-, -OCO-, -S-CO-, -CO-S-, -O-COO-, -CO-NR<sup>0</sup>-, -NR<sup>0</sup>-CO-, -OCH<sub>2</sub>-, -CH<sub>2</sub>O-, -SCH<sub>2</sub>-, -CH<sub>2</sub>S-, -CF<sub>2</sub>O-, -OCF<sub>2</sub>-, -CF<sub>2</sub>S-, -SCF<sub>2</sub>-, -CH<sub>2</sub>CH<sub>2</sub>-, -CF<sub>2</sub>CH<sub>2</sub>-, -CH<sub>2</sub>CF<sub>2</sub>-, -CF<sub>2</sub>CF<sub>2</sub>-, -CH=N-, -N=CH-, -N=N-, -CH=CR<sup>0</sup>-, -CY<sup>1</sup>=CY<sup>2</sup>-, -C≡C-, -CH=CH-COO-, -OCO-CH=CH- or a single bond,

Y<sup>1</sup> and Y<sup>2</sup> are independently of each other H, F, Cl or CN,

m, n and q are independently of each other 0, 1, 2 or 3,

u and v are independently of each other 0, 1 or 2, with u+v > 0,

and wherein one or both of R<sup>11</sup> and R<sup>12</sup> denote P-Sp, wherein P is CH<sub>2</sub>=CW<sup>1</sup>-COO-,



OCO-, (CH<sub>2</sub>=CH-CH<sub>2</sub>)<sub>2</sub>CH-OCO-, (CH<sub>2</sub>=CH)<sub>2</sub>CH-O-, (CH<sub>2</sub>=CH-CH<sub>2</sub>)<sub>2</sub>N-, HS-CW<sup>2</sup>W<sup>3</sup>-, CH<sub>2</sub>=CW<sup>1</sup>-CO-NH-, CH<sub>2</sub>=CH-(COO)<sub>k1</sub>-Phe-(O)<sub>k2</sub>-, OCN-, or W<sup>4</sup>W<sup>3</sup>W<sup>6</sup>Si-, with W<sup>1</sup> being H, Cl, CN, phenyl or alkyl with 1 to 5 C-atoms, W<sup>2</sup> and W<sup>3</sup> being independently of each other H or alkyl with 1 to 5 C-atoms, W<sup>4</sup>, W<sup>5</sup> and W<sup>6</sup> being independently of each other Cl, oxalkyl or oxacarbonylalkyl with 1 to 5 C-atoms, Phe being 1,4-phenylene and k<sub>1</sub> and k<sub>2</sub> being independently of each other 0 or 1..

41. (New) A compound of claim 37, wherein z is 1.

42. (New) A compound of claim 37, wherein z is from 2 to 5000.

43. (New) A compound of claim 37, wherein P is a vinyl ether, propenylether

or oxetane group or a group of formula CH<sub>2</sub>=C<sup>W1</sup>-COO- or  $\text{W}^2\text{HC} \begin{array}{c} \diagup \text{O} \diagdown \\ \text{---} \end{array} \text{CH-}$ , wherein W<sup>1</sup> is H, Cl, CN, phenyl or alkyl with 1 to 5 C-atoms, and W<sup>2</sup> is H or alkyl with 1 to 5 C-atoms.

44. (New) A compound of claim 38, wherein A is, each independently, furane-2,5-diyl, thiophene-2,5-diyl, thienothiophene-2,5-diyl, dithienothiophene-2,6-diyl, pyrrol-2,5-diyl, 1,4-phenylene, azulene-2,6-diyl, pyridine-2,5-diyl, pyrimidine-2,5-diyl, naphthalene-2,6-diyl, 1,2,3,4-tetrahydro-naphthalene-2,6-diyl, indane-2,5-diyl, or 1,4-cyclohexylene, in which 1,4-cyclohexylene one or two non-adjacent CH<sub>2</sub> groups are optionally replaced by O and/or S, wherein these groups are unsubstituted, mono- or polysubstituted by R<sup>3</sup>.

45. (New) A polymerizable LC material comprising one or more compounds according to claim 37.

46. (New) A polymer which has been obtained from a compound according to claim 37 or from a polymerizable LC material comprising a compound according to claim 37.

47. (New) An anisotropic polymer which has been obtained from a compound according to claim 37 or from a polymerizable LC material comprising a compound according to claim 37 in its oriented state in form of a film.

48. (New) A semiconductor or charge transport material, light-emissive material, electrooptical display, LCD, eLCD, optical film, polarizer, compensator, beam splitter, reflective film, alignment layer, color filter, holographic element, hot stamping foil, coloured image, decorative or security marking, consumer object, document of value, LC pigment, adhesive, synthetic resin with anisotropic mechanical properties, cosmetic product, pharmaceutical product, diagnostic product, nonlinear optical element, optical information storage device, electronic device, OFET, a component of integrated circuit (IC), thin film transistor (TFT) in a flat panel display, Radio Frequency Identification (RFID) tag, a semiconducting or light-emitting component of organic light emitting diode (OLED), electroluminescent display, backlight of an LCD, photovoltaic or sensor device, an electrode material in a battery, a photoconductor, electrophotographic device, electrophotographic recording device, comprising  
a compound according to claim 37, or  
a polymerizable LC material comprising one or more compounds according to claim 37, or  
a polymer which has been obtained from a compound according to claim 37 or from a polymerizable LC material comprising a compound according to claim 37, or  
an anisotropic polymer which has been obtained from a compound according to claim 37 or from a polymerizable LC material comprising a compound according to claim 37 in its oriented state in form of a film.

49. (New) A polymer which has been obtained from a compound according to claim 3 or from a polymerizable LC material comprising a compound according to claim 3.

50. (New) An anisotropic polymer which has been obtained from a compound according to claim 3 or from a polymerizable LC material comprising a compound according to claim 3 in its oriented state in form of a film.

51. (New) A semiconductor or charge transport material, light-emissive material, electrooptical display, LCD, eLCD, optical film, polarizer, compensator, beam splitter, reflective film, alignment layer, color filter, holographic element, hot stamping foil, coloured image, decorative or security marking, consumer object, document of value, LC pigment, adhesive, synthetic resin with anisotropic mechanical properties, cosmetic product, pharmaceutical product, diagnostic product, nonlinear optical element, optical information storage device, electronic device, OFET, a component of integrated circuit (IC), thin film transistor (TFT) in a flat panel display, Radio Frequency Identification (RFID) tag, a semiconducting or light-emitting component of organic light emitting diode (OLED), electroluminescent display, backlight of an LCD, photovoltaic or sensor device, an electrode material in a battery, a photoconductor, electrophotographic device, electrophotographic recording device, comprising

a compound according to claim 3, or

a polymerizable LC material comprising one or more compounds according to claim 3, or

a polymer which has been obtained from a compound according to claim 3 or from a polymerizable LC material comprising a compound according to claim 3, or

an anisotropic polymer which has been obtained from a compound according to claim 3 or from a polymerizable LC material comprising a compound according to claim 3 in its oriented state in form of a film.